Reviewed By:Iwona
On:10/2/2025 9:24:47 AM
Inst Id :IC-1
LB :LB137344

Instrument IC-1 Analyst : RM Method: 300.0 / 9056A

Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method nar	date time	Initial wt/Final	Analyst
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-09092	9/9/2025 10:21	10	RM/IZ
STD2	0.423	0.641	0.632	2.091	0.529	1.063	3.237	IC1-09092	9/9/2025 10:42	10	RM/IZ
STD3	0.794	1.189	1.197	3.984	0.997	2.006	6.010	IC1-09092	9/9/2025 11:25	10	RM/IZ
STD4	0.990	1.475	1.473	4.920	1.228	2.461	7.371	IC1-09092	9/9/2025 11:47	10	RM/IZ
STD5	2.008	3.012	3.027	10.105	2.514	4.978	15.047	IC1-09092	9/9/2025 13:36	10	RM/IZ
STD6	3.935	5.921	5.894	19.658	4.924	9.905	29.203	IC1-09092	9/9/2025 13:58	10	RM/IZ
STD7	5.050	7.561	7.577	25.243	6.308	12.587	37.633	IC1-09092	9/9/2025 14:41	10	RM/IZ
ICV	2.001	2.995	2.988	9.985	2.483	5.041	14.797	IC1-09092	9/9/2025 15:02	10	RM/IZ
ICB	0.000	0.063	0.000	0.000	0.000	0.000	0.000	IC1-09092	9/9/2025 15:45	10	RM/IZ
CCV	2.008	2.963	3.015	10.110	2.441	4.889	14.803	IC1-09092	9/26/2025 9:22	10	RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-09092	9/26/2025 9:44	10	RM/IZ
LB137344BLS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-09092	9/26/2025 10:05	5.00g/100mL	RM/IZ
LB137344BSS	2.031	2.958	3.015	10.119	2.442	4.926	14.796	IC1-09092	9/26/2025 10:27	5.00g/100mL	RM/IZ
Q3174-01	0.000	0.133	0.000	0.000	0.075	0.000	31.675	IC1-09092	9/26/2025 11:21	5.04g/100mL	RM/IZ
Q3174-01MS	0.266	2.994	2.951	9.932	2.441	0.211	47.953	IC1-09092	9/26/2025 11:43	5.03g/100mL	RM/IZ
Q3174-01MSD	1.416	3.037	2.945	9.922	2.439	3.194	47.925	IC1-09092	9/26/2025 12:04	5.05g/100mL	RM/IZ
Q3174-02	0.083	0.188	0.000	0.000	0.000	0.193	16.133	IC1-09092	9/26/2025 12:26	5.04g/100mL	RM/IZ
CCV	2.029	2.959	3.013	10.090	2.443	5.067	14.799	IC1-09092	9/26/2025 12:48	10	RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-09092	9/26/2025 13:09	10	RM/IZ

Clear table

Instrument ID: IC-2 Analyst : IZ Method: 300.0 / 9056A

ident	concentration F-	concentration CL-	concentration NO2	concentration BR-	concentration NO3	concentration HPO4	concentration SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-090925	9/9/2025 10:21	10	RM/IZ
STD2	0.4230	0.6410	0.6320	2.0910	0.5290	1.0630	3.2370	IC1-090925	9/9/2025 10:42	10	RM/IZ
STD3	0.7940	1.1890	1.1970	3.9840	0.9970	2.0060	6.0100	IC1-090925	9/9/2025 11:25	10	RM/IZ
STD4	0.9900	1.4750	1.4730	4.9200	1.2280	2.4610	7.3710	IC1-090925	9/9/2025 11:47	10	RM/IZ
STD5	2.0080	3.0120	3.0270	10.1050	2.5140	4.9780	15.0470	IC1-090925	9/9/2025 13:36	10	RM/IZ
STD6	3.9350	5.9210	5.8940	19.6580	4.9240	9.9050	29.2030	IC1-090925	9/9/2025 13:58	10	RM/IZ
STD7	5.0500	7.5610	7.5770	25.2430	6.3080	12.5870	37.6330	IC1-090925	9/9/2025 14:41	10	RM/IZ

ident	True Value F-	True Value CL-	True Value NO2	True Value BR-	True Value NO3	True Value HPO4	True Value SO4
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
STD2	0.4000	0.6000	0.6000	2.0000	0.5000	1.0000	3.0000
STD3	0.8000	1.2000	1.2000	4.0000	1.0000	2.0000	6.0000
STD4	1.0000	1.5000	1.5000	5.0000	1.2500	2.5000	7.5000
STD5	2.0000	3.0000	3.0000	10.0000	2.5000	5.0000	15.0000
STD6	4.0000	6.0000	6.0000	20.0000	5.0000	10.0000	30.0000
STD7	5.0000	7.5000	7.5000	25.0000	6.2500	12.5000	37.0000

ident	Relative Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4
STD1							
STD2	5.7500	6.8333	5.3333	4.5500	5.8000	6.3000	7.9000
STD3	-0.7500	-0.9167	-0.2500	-0.4000	-0.3000	0.3000	0.1667
STD4	-1.0000	-1.6667	-1.8000	-1.6000	-1.7600	-1.5600	-1.7200
STD5	0.4000	0.4000	0.9000	1.0500	0.5600	-0.4400	0.3133
STD6	-1.6250	-1.3167	-1.7667	-1.7100	-1.5200	-0.9500	-2.6567
STD7	1.0000	0.8133	1.0267	0.9720	0.9280	0.6960	1.7108

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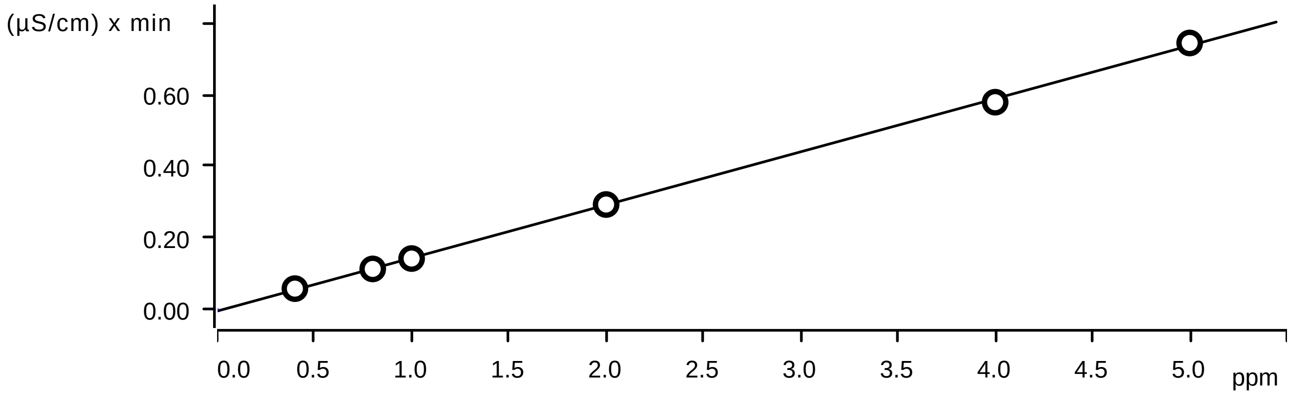
Fluoride (Anions)



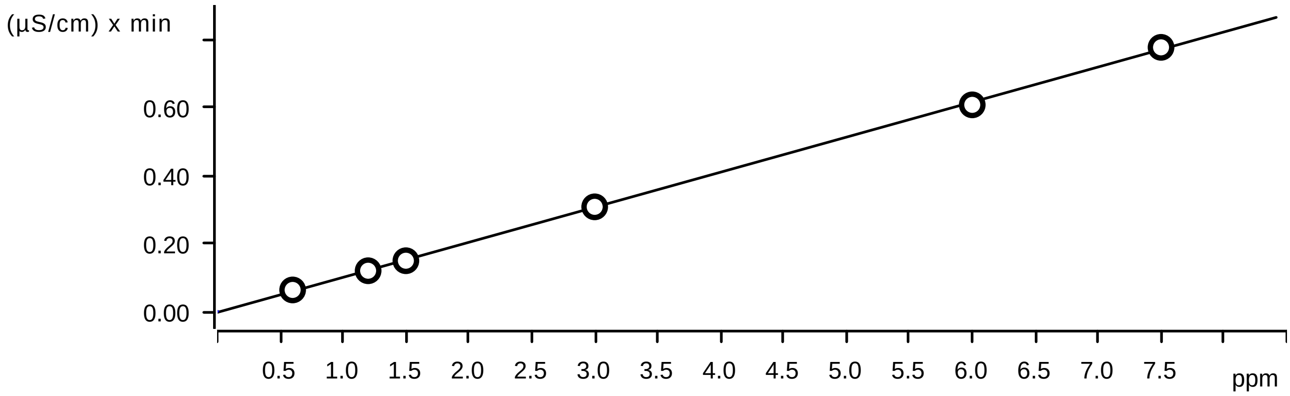
Function: . . . . *A = - 3.91674E-3 + 0.0148053× Q*

Relative standard deviation . . . . *1.985504 %*

Correlation coefficient *0.999790*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.059	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.114	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.143	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.293	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.579	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.744	STD7	2025-09-09 14:41:06 UTC-4	used

Chloride (Anions)



Function: . . . . *A = - 2.97735E-3 + 0.0103068× Q*

Metrohm

Reviewed By:Iwon
On:10/2/2025 9:24
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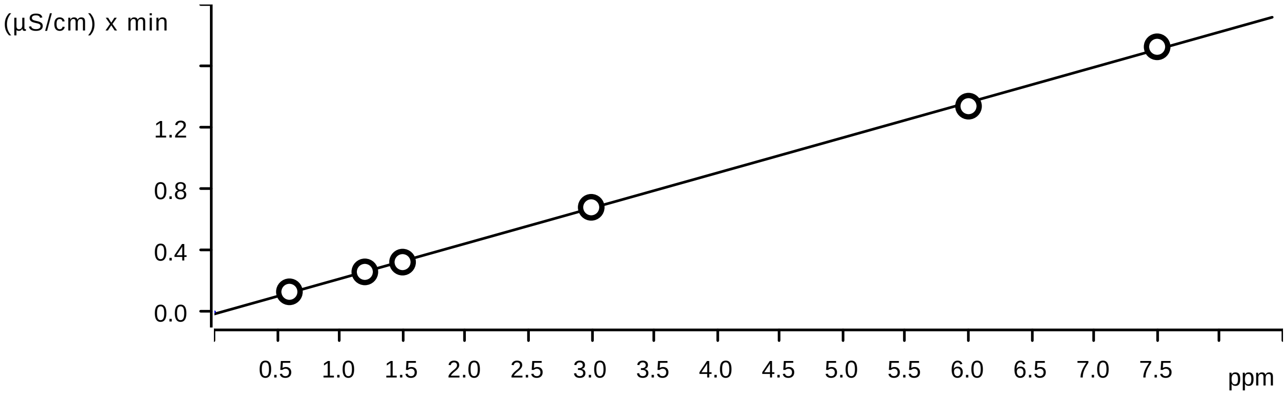
Relative standard deviation . . . . *1.712968 %*

Correlation coefficient *0.999843*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.063	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.120	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.149	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.307	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.607	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.776	STD7	2025-09-09 14:41:06 UTC-4	used

Nitrite (Anions)



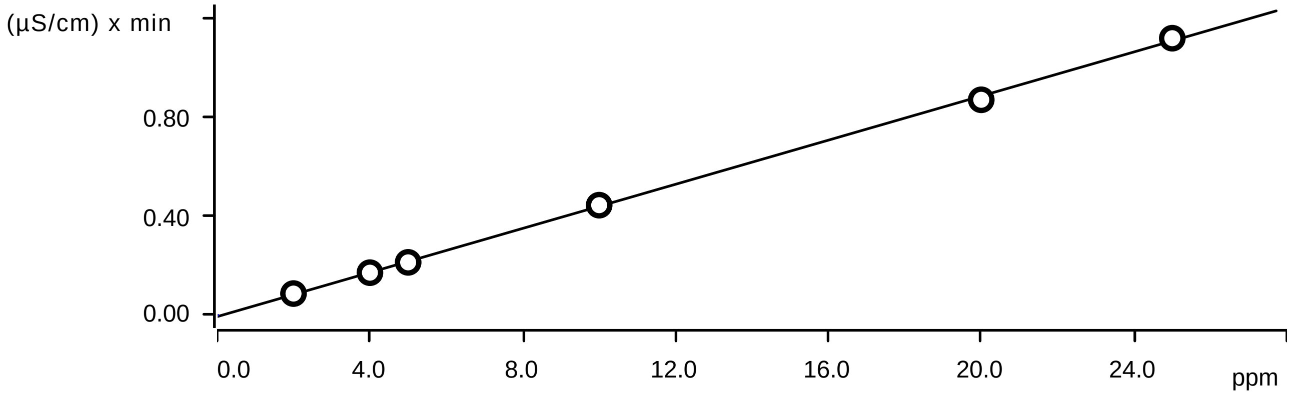
Function: . . . . *A = - 0.0143669 + 0.0229543× Q*

Relative standard deviation . . . . *2.170764 %*

Correlation coefficient *0.999753*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.131	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.260	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.324	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.681	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.339	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.725	STD7	2025-09-09 14:41:06 UTC-4	used

Bromide (Anions)



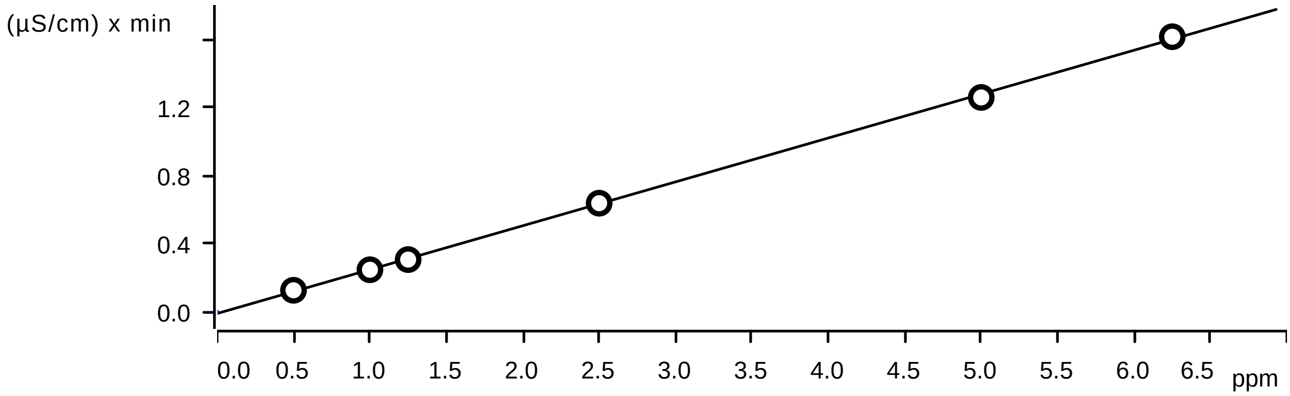
Function: . . . . *A = - 5.68247E-3 + 4.44287E-3× Q*

Relative standard deviation . . . . *2.066849 %*

Correlation coefficient *0.999773*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.087	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.171	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.213	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.443	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.868	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.116	STD7	2025-09-09 14:41:06 UTC-4	used

Nitrate (Anions)



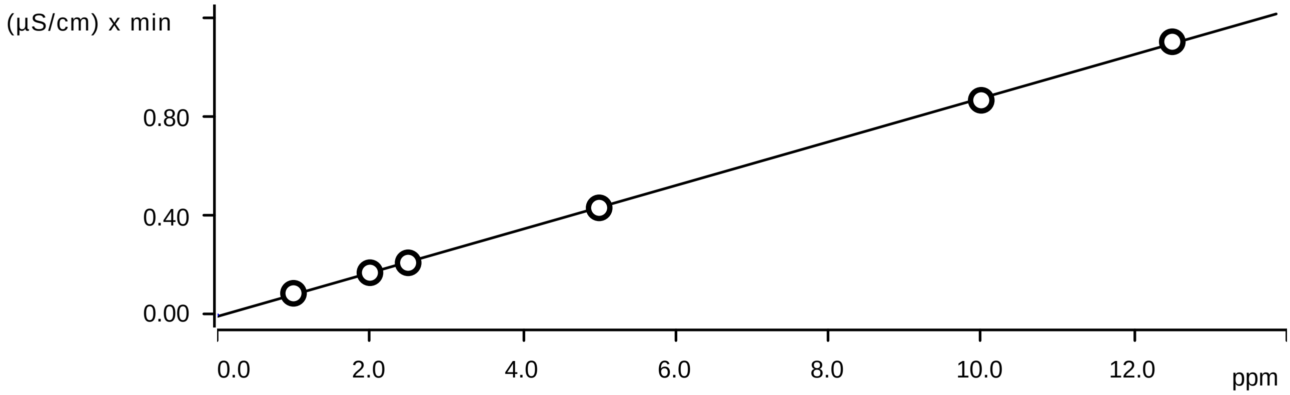
Function: . . . . *A = - 0.0122982 + 0.0258010× Q*

Relative standard deviation . . . . *1.914251 %*

Correlation coefficient *0.999807*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.124	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.245	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.305	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.636	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.258	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.615	STD7	2025-09-09 14:41:06 UTC-4	used

Phosphate (Anions)



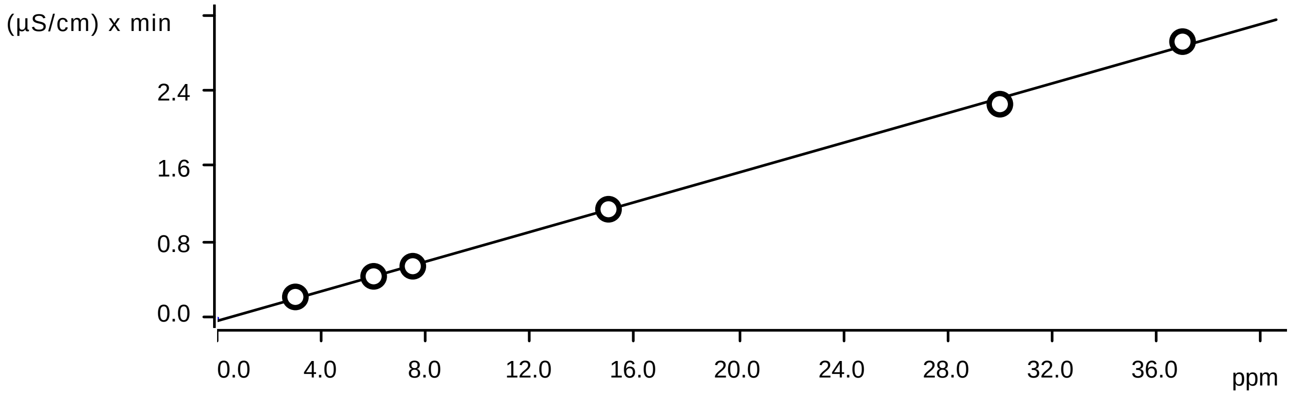
Function: . . . . *A = - 6.72192E-3 + 8.79335E-3× Q*

Relative standard deviation . . . . *1.384046 %*

Correlation coefficient *0.999898*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.087	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.170	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.210	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.431	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.864	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.100	STD7	2025-09-09 14:41:06 UTC-4	used

Sulfate (Anions)



Function: . . . . *A = - 0.0295615 + 7.81954E-3× Q*

Relative standard deviation . . . . *3.285067 %*

Correlation coefficient *0.999433*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-09-09 10:21:26 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.224	STD2	2025-09-09 10:42:49 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.440	STD3	2025-09-09 11:25:44 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.547	STD4	2025-09-09 11:47:10 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.147	STD5	2025-09-09 13:36:36 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.254	STD6	2025-09-09 13:58:07 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.913	STD7	2025-09-09 14:41:06 UTC-4	used

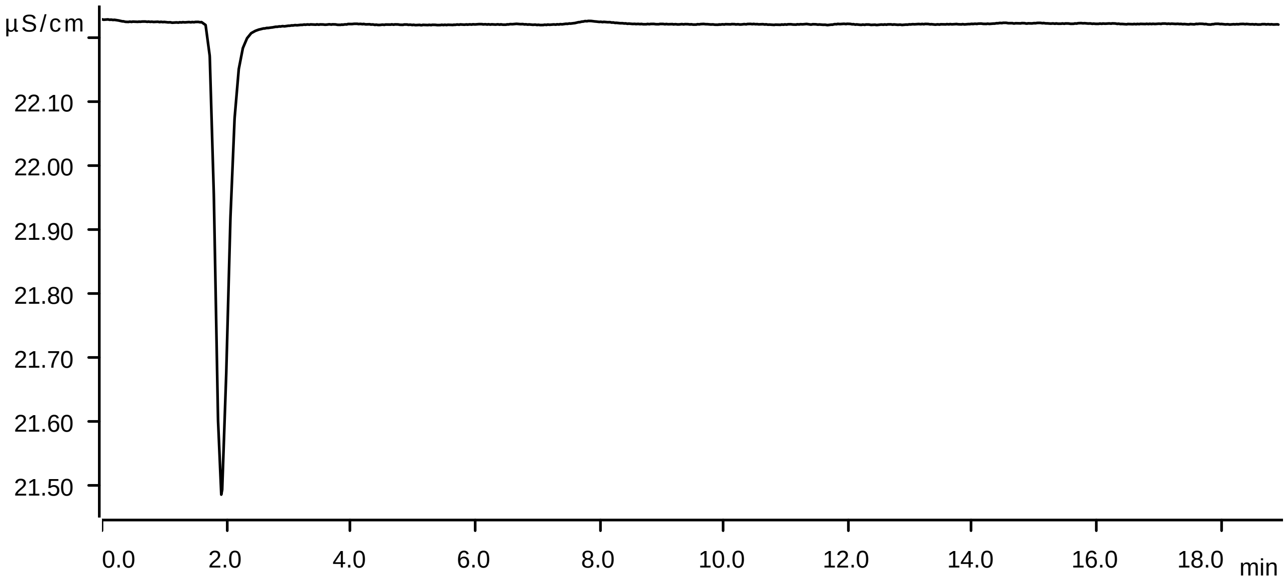
Sample data

Ident	STD1	
Sample type	Standard 1	
Determination start	2025-09-09 10:21:26 UTC-4	
Method	IC1-090925	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.06	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



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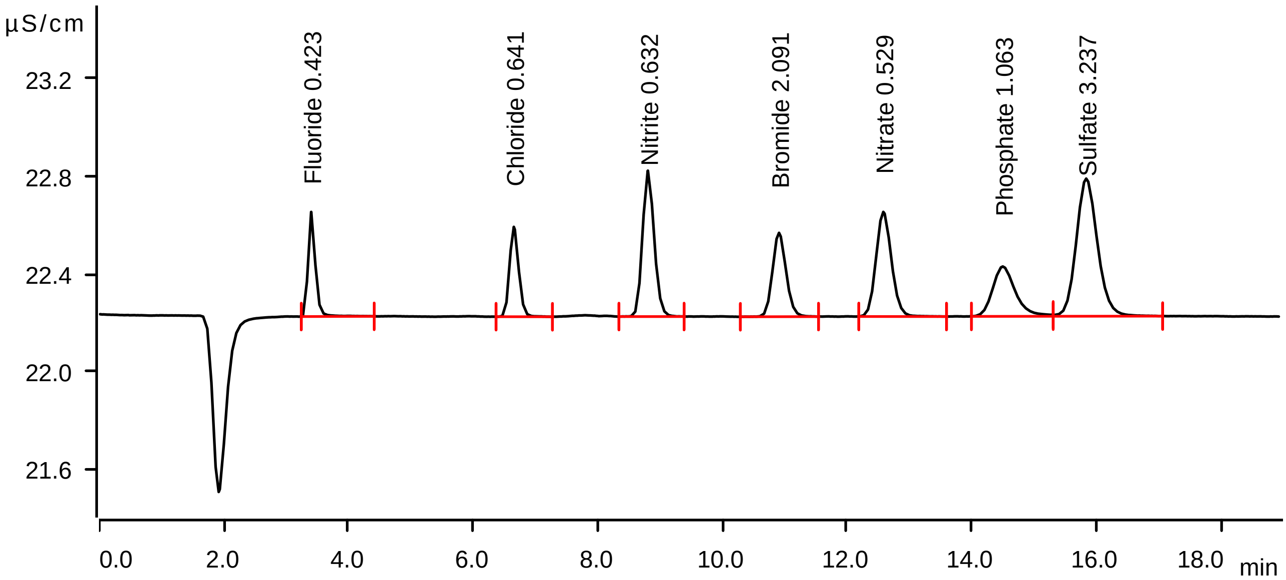
Sample data

Ident	STD2
Sample type	Standard 2
Determination start	2025-09-09 10:42:49 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.84	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.400	0.0587	0.429	0.423	Fluoride
2	6.652	0.0631	0.369	0.641	Chloride
3	8.803	0.1306	0.599	0.632	Nitrite
4	10.907	0.0872	0.344	2.091	Bromide
5	12.580	0.1242	0.430	0.529	Nitrate
6	14.497	0.0867	0.205	1.063	Phosphate
7	15.835	0.2236	0.565	3.237	Sulfate

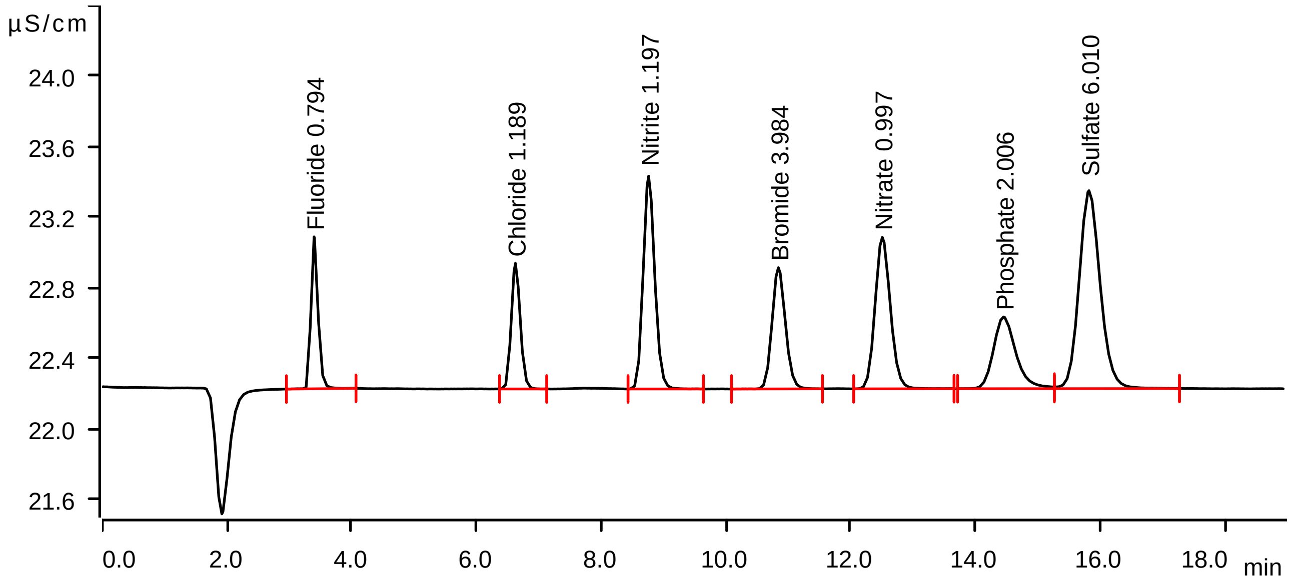
Sample data

Ident	STD3
Sample type	Standard 3
Determination start	2025-09-09 11:25:44 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.67	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.395	0.1137	0.861	0.794	Fluoride
2	6.623	0.1196	0.712	1.189	Chloride
3	8.758	0.2603	1.206	1.197	Nitrite
4	10.838	0.1713	0.687	3.984	Bromide
5	12.505	0.2450	0.859	0.997	Nitrate
6	14.448	0.1697	0.407	2.006	Phosphate
7	15.818	0.4404	1.122	6.010	Sulfate

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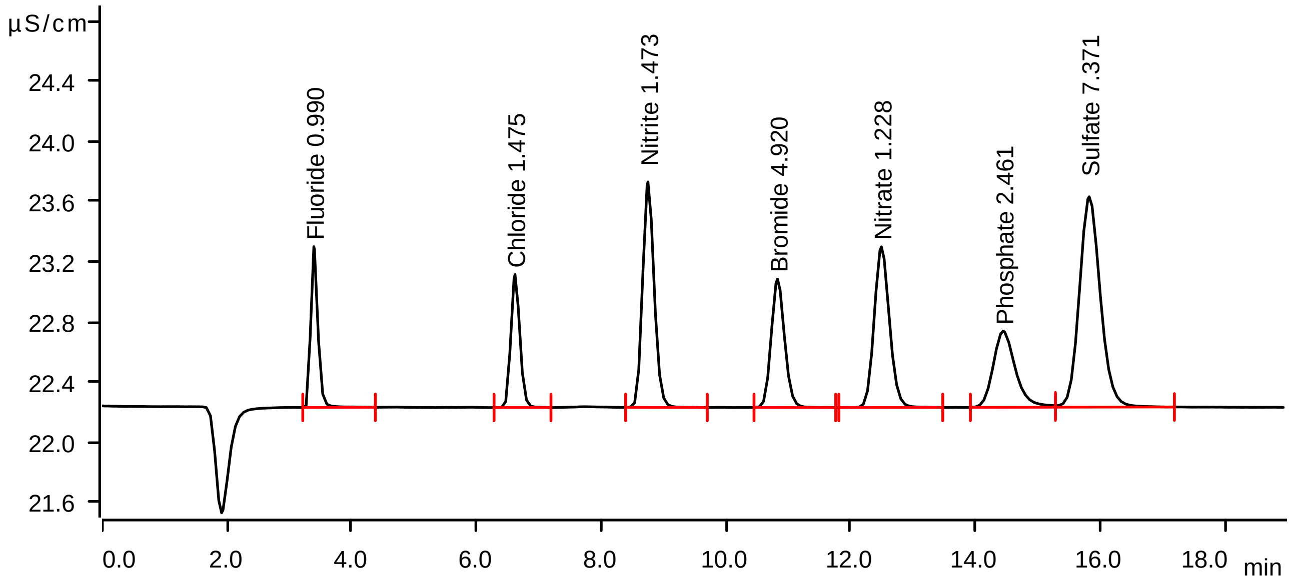
Sample data

Ident	STD4
Sample type	Standard 4
Determination start	2025-09-09 11:47:10 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.61	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.392	0.1426	1.068	0.990	Fluoride
2	6.617	0.1490	0.884	1.475	Chloride
3	8.748	0.3238	1.499	1.473	Nitrite
4	10.825	0.2129	0.854	4.920	Bromide
5	12.490	0.3046	1.068	1.228	Nitrate
6	14.443	0.2097	0.507	2.461	Phosphate
7	15.822	0.5468	1.398	7.371	Sulfate

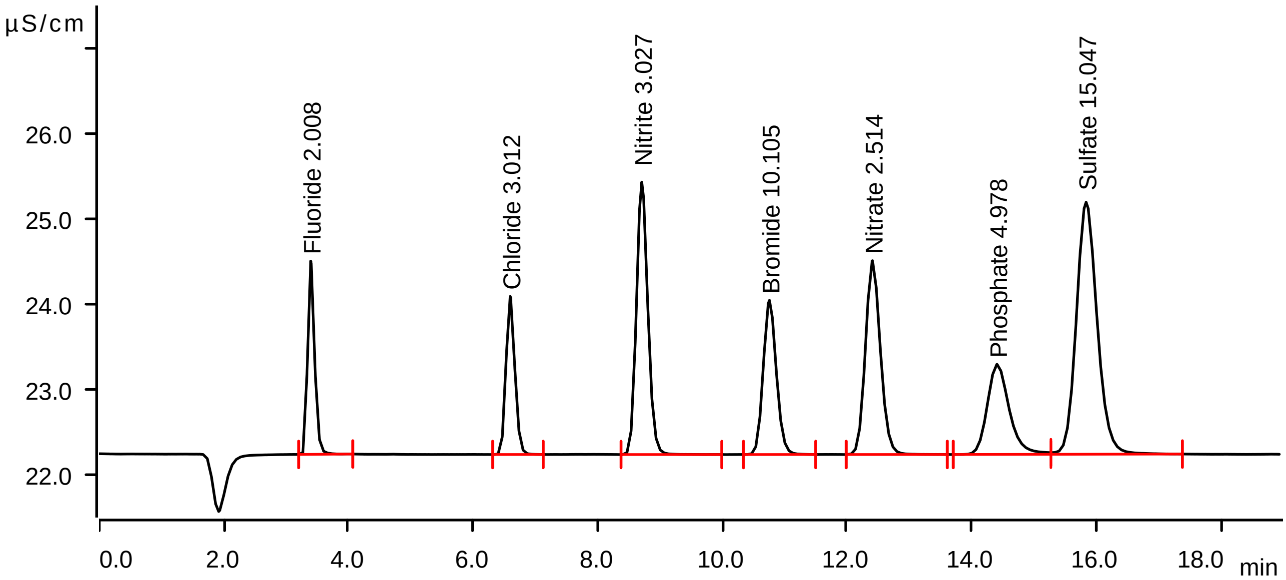
Sample data

Ident	STD5
Sample type	Standard 5
Determination start	2025-09-09 13:36:36 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.50	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.393	0.2933	2.266	2.008	Fluoride
2	6.593	0.3075	1.854	3.012	Chloride
3	8.705	0.6805	3.195	3.027	Nitrite
4	10.753	0.4432	1.809	10.105	Bromide
5	12.407	0.6363	2.273	2.514	Nitrate
6	14.405	0.4310	1.057	4.978	Phosphate
7	15.833	1.1470	2.956	15.047	Sulfate

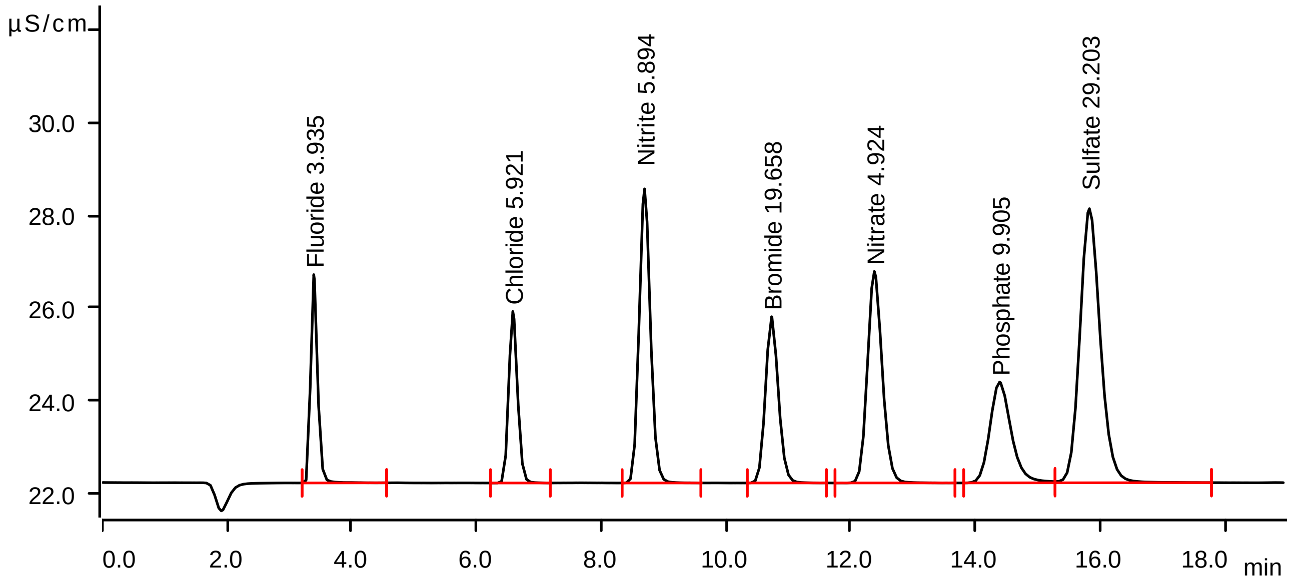
Sample data

Ident STD6
Sample type . . . . Standard 6
Determination start 2025-09-09 13:58:07 UTC-4
Method IC1-090925
Operator . . . .

Anions

Data source . . . . Conductivity detector 1 (Eco IC 1)
Channel . . . . Conductivity
Recording time . . . . 19.0 min
Integration . . . . Automatically
Column type . . . . Metrosep A Supp 19 - 150/4.0
Eluent composition . . . . not defined
Flow . . . . 0.700 mL/min
Maximum flow monitored yes
Pressure . . . . 12.44 MPa
Maximum pressure monitored yes
Temperature . . . . ----- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.390	0.5787	4.477	3.935	Fluoride
2	6.582	0.6073	3.687	5.921	Chloride
3	8.693	1.3385	6.323	5.894	Nitrite
4	10.730	0.8677	3.574	19.658	Bromide
5	12.377	1.2581	4.546	4.924	Nitrate
6	14.385	0.8642	2.167	9.905	Phosphate
7	15.825	2.2540	5.893	29.203	Sulfate

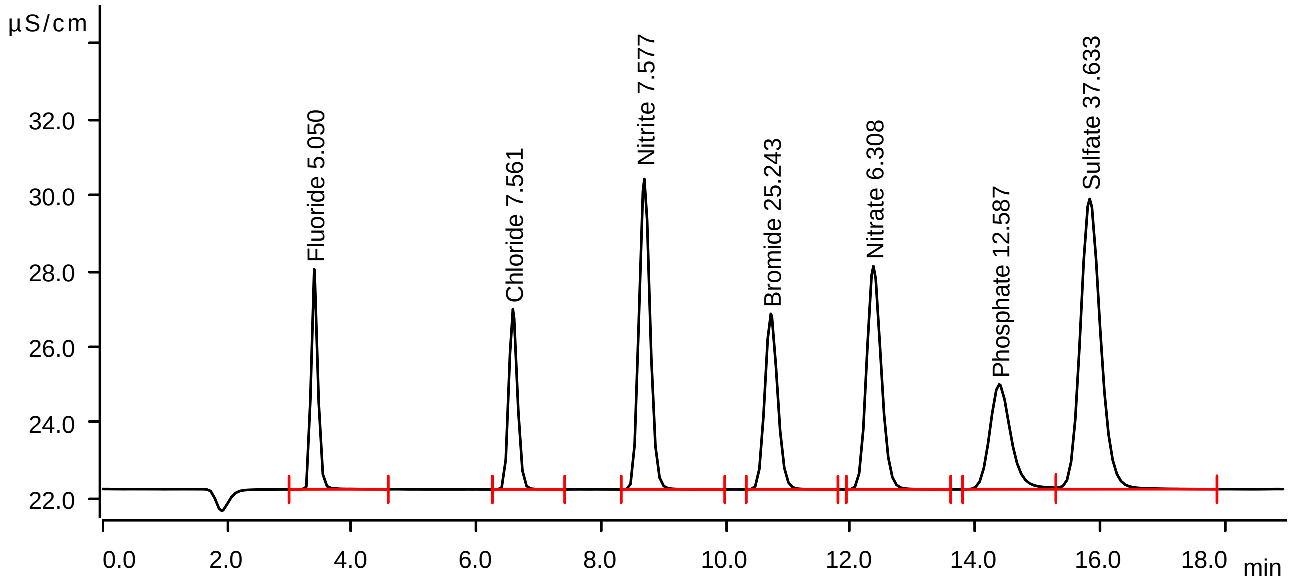
Sample data

Ident STD7
Sample type . . . . . Standard 7
Determination start 2025-09-09 14:41:06 UTC-4
Method IC1-090925
Operator . . . . .

Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)
Channel . . . . . Conductivity
Recording time . . . . . 19.0 min
Integration . . . . . Automatically
Column type . . . . . Metrosep A Supp 19 - 150/4.0
Eluent composition . . . . . not defined
Flow . . . . . 0.700 mL/min
Maximum flow monitored yes
Pressure . . . . . 12.39 MPa
Maximum pressure monitored yes
Temperature . . . . . ----- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.395	0.7438	5.806	5.050	Fluoride
2	6.582	0.7764	4.748	7.561	Chloride
3	8.690	1.7250	8.184	7.577	Nitrite
4	10.718	1.1158	4.629	25.243	Bromide
5	12.363	1.6152	5.884	6.308	Nitrate
6	14.382	1.1001	2.766	12.587	Phosphate
7	15.832	2.9131	7.654	37.633	Sulfate

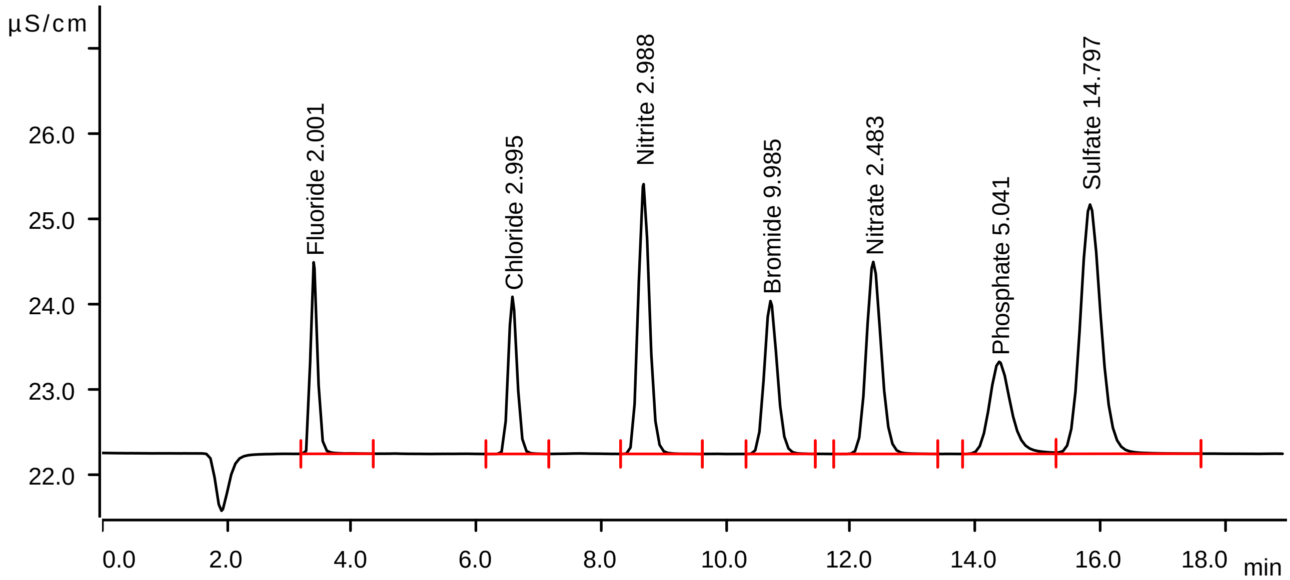
Sample data

Ident	ICV
Sample type	Check standard 1
Determination start	2025-09-09 15:02:34 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.50	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.388	0.2923	2.246	2.001	Fluoride
2	6.575	0.3057	1.843	2.995	Chloride
3	8.678	0.6715	3.164	2.988	Nitrite
4	10.712	0.4379	1.793	9.985	Bromide
5	12.360	0.6282	2.252	2.483	Nitrate
6	14.378	0.4365	1.080	5.041	Phosphate
7	15.835	1.1275	2.923	14.797	Sulfate

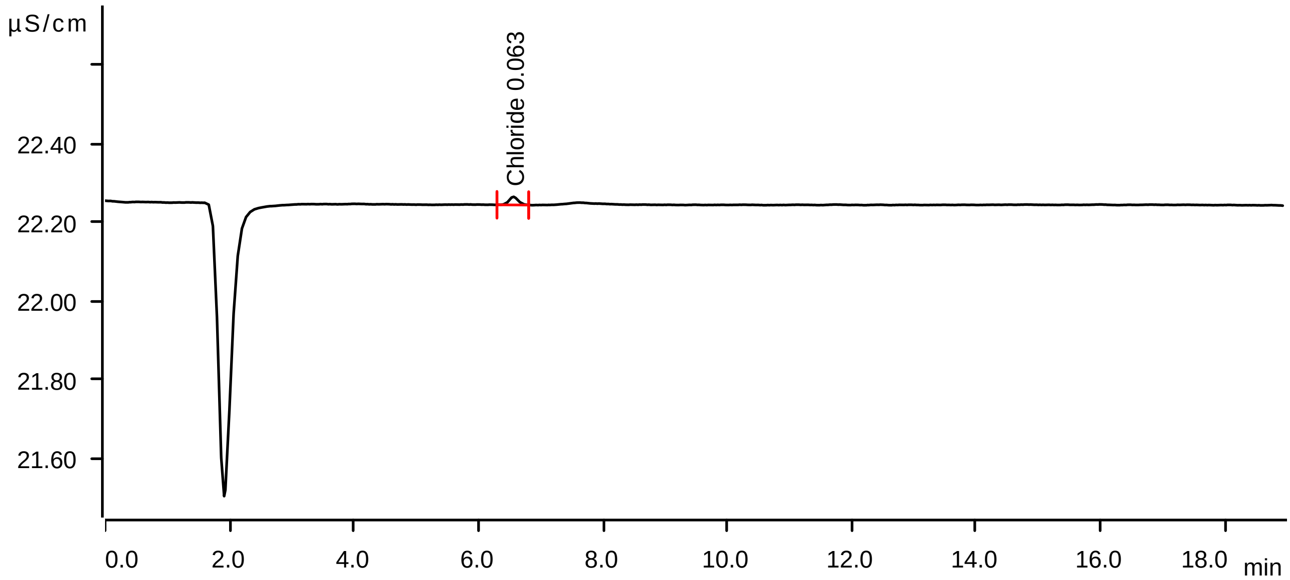
Sample data

Ident	ICB
Sample type	Sample
Determination start	2025-09-09 15:45:30 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.39	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.568	0.0036	0.021	0.063	Chloride

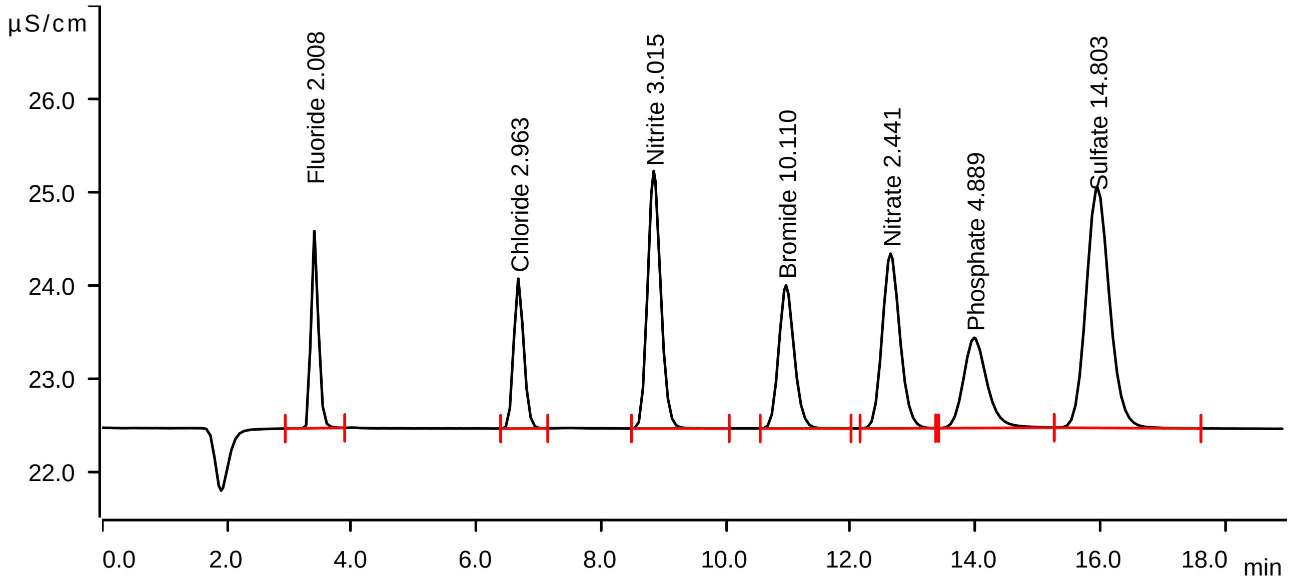
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-09-26 09:22:41 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.29	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.398	0.2934	2.119	2.008	Fluoride
2	6.670	0.3024	1.610	2.963	Chloride
3	8.840	0.6777	2.768	3.015	Nitrite
4	10.962	0.4435	1.539	10.110	Bromide
5	12.637	0.6175	1.877	2.441	Nitrate
6	13.978	0.4232	0.970	4.889	Phosphate
7	15.950	1.1280	2.593	14.803	Sulfate

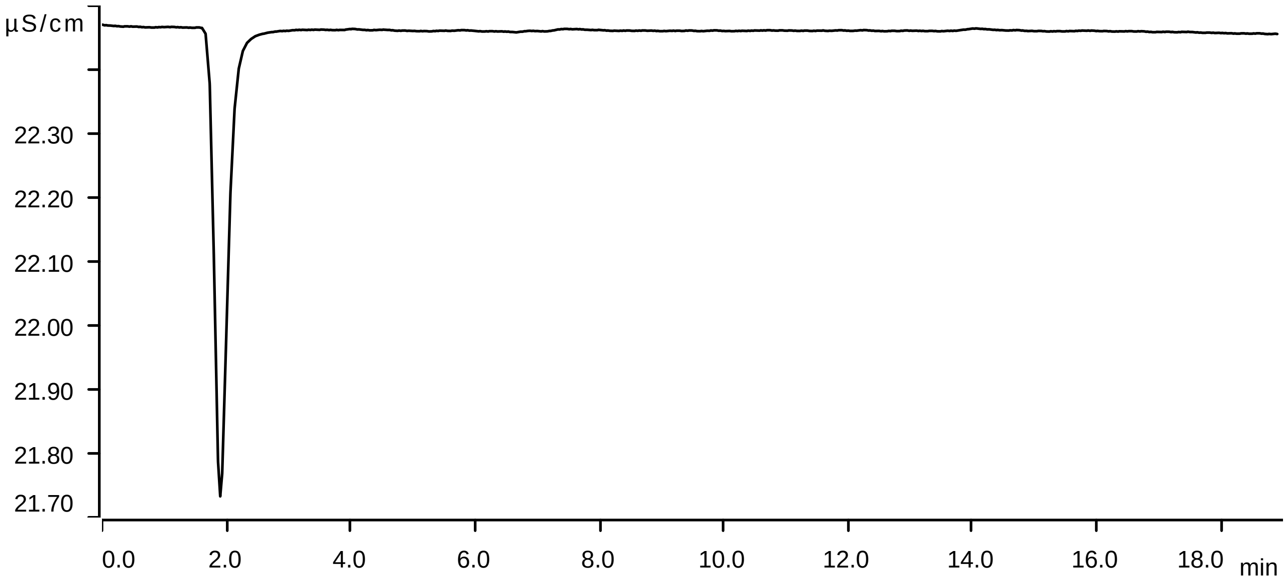
Sample data

Ident	CCB
Sample type	Sample
Determination start	2025-09-26 09:44:12 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.12	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Reviewed By:Iwon
On:10/2/2025 9:24
AM
Inst Id :IC-1
LB :LB137344

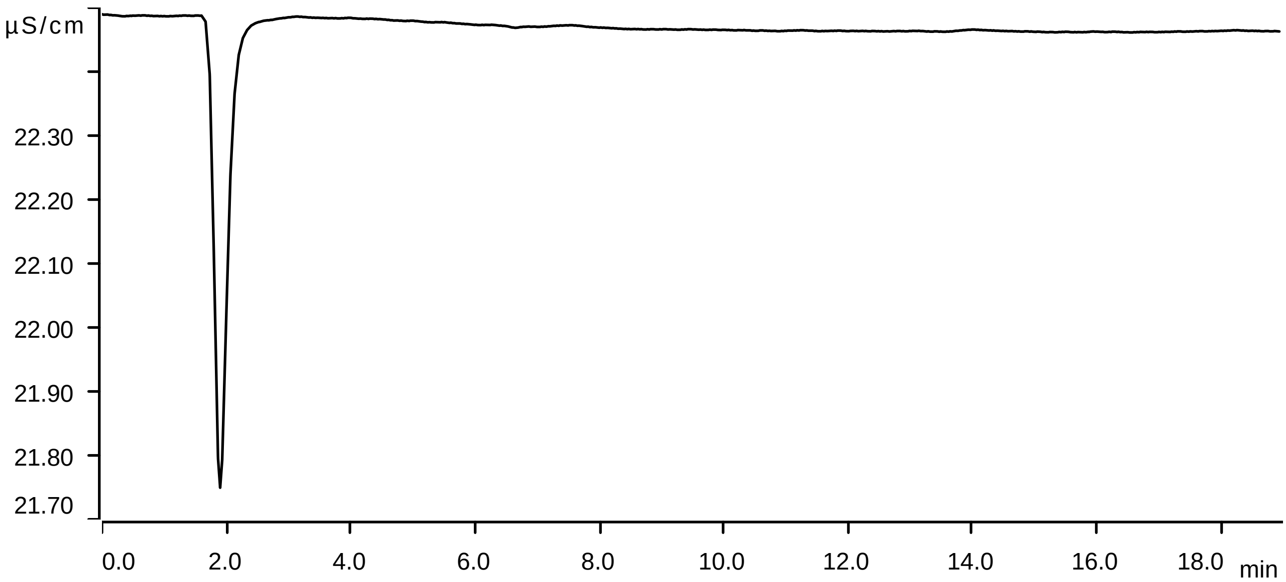
Sample data

Ident	LB137344BLS
Sample type	Sample
Determination start	2025-09-26 10:05:44 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.01	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Reviewed By:Iwon
On:10/2/2025 9:24
AM
Inst Id :IC-1
LB :LB137344

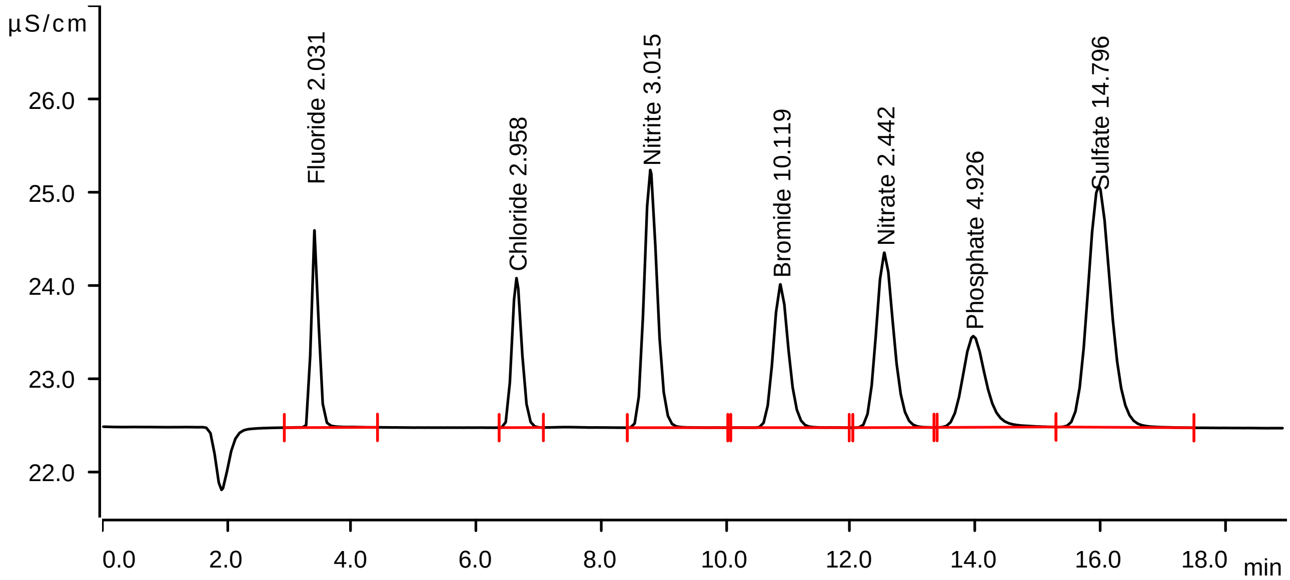
Sample data

Ident	LB137344BSS
Sample type	Check standard 1
Determination start	2025-09-26 10:27:16 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.95	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.402	0.2968	2.119	2.031	Fluoride
2	6.640	0.3019	1.607	2.958	Chloride
3	8.785	0.6778	2.770	3.015	Nitrite
4	10.872	0.4439	1.540	10.119	Bromide
5	12.538	0.6178	1.880	2.442	Nitrate
6	13.963	0.4264	0.980	4.926	Phosphate
7	15.973	1.1274	2.591	14.796	Sulfate

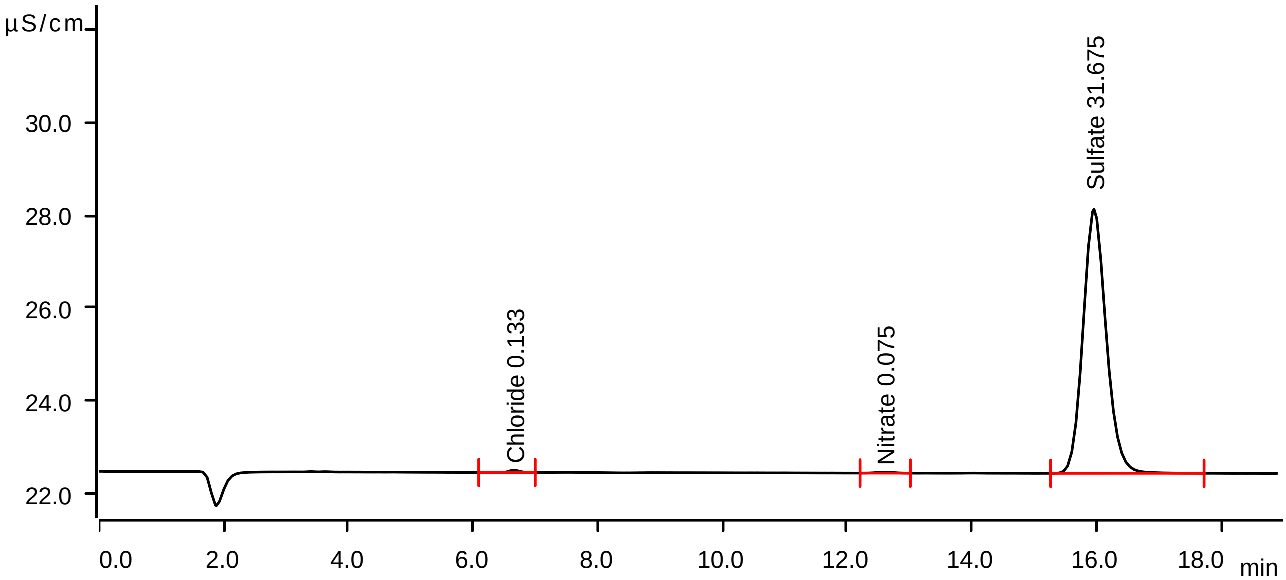
Sample data

Ident	Q3174-01
Sample type	Sample
Determination start	2025-09-26 11:21:39 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.12	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.657	0.0107	0.053	0.133	Chloride
2	12.595	0.0070	0.022	0.075	Nitrate
3	15.957	2.4472	5.673	31.675	Sulfate

Reviewed By:Iwon
On:10/2/2025 9:24 AM
Inst Id :IC-1
LB :LB137344

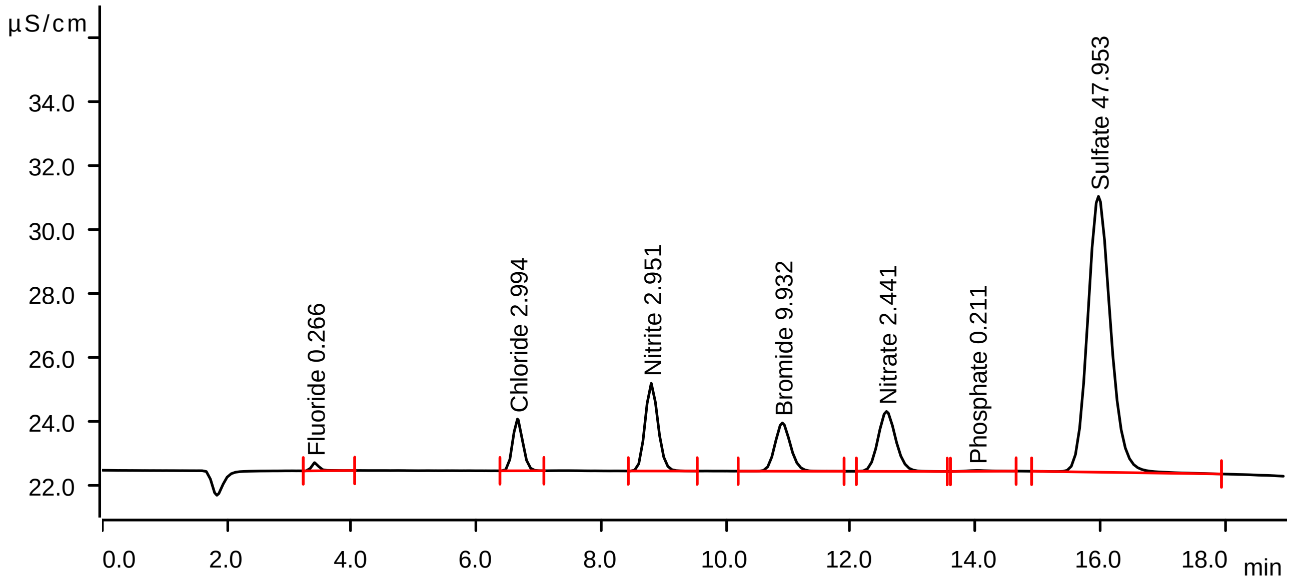
Sample data

Ident	Q3174-01MS
Sample type	Sample
Determination start	2025-09-26 11:43:18 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.06	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.405	0.0355	0.254	0.266	Fluoride
2	6.655	0.3056	1.617	2.994	Chloride
3	8.800	0.6631	2.741	2.951	Nitrite
4	10.903	0.4356	1.509	9.932	Bromide
5	12.572	0.6176	1.873	2.441	Nitrate
6	14.020	0.0118	0.027	0.211	Phosphate
7	15.970	3.7202	8.627	47.953	Sulfate

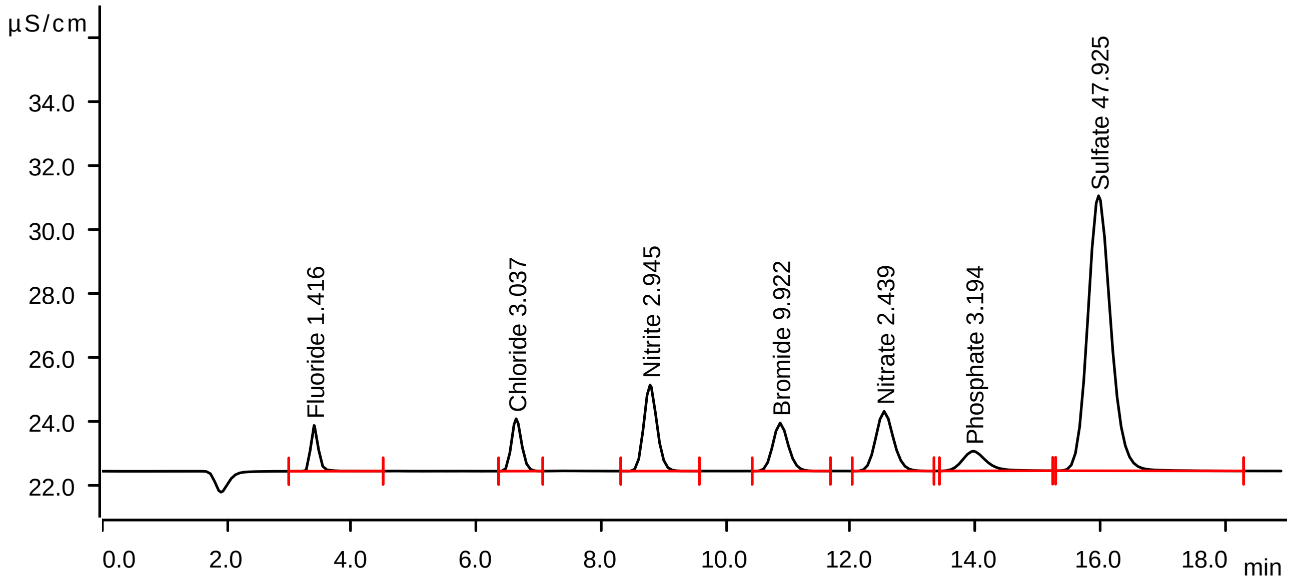
Sample data

Ident	Q3174-01MSD
Sample type	Sample
Determination start	2025-09-26 12:04:52 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	13.01	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.395	0.2057	1.432	1.416	Fluoride
2	6.635	0.3100	1.638	3.037	Chloride
3	8.782	0.6617	2.691	2.945	Nitrite
4	10.867	0.4351	1.503	9.922	Bromide
5	12.535	0.6171	1.865	2.439	Nitrate
6	13.963	0.2741	0.614	3.194	Phosphate
7	15.972	3.7179	8.600	47.925	Sulfate

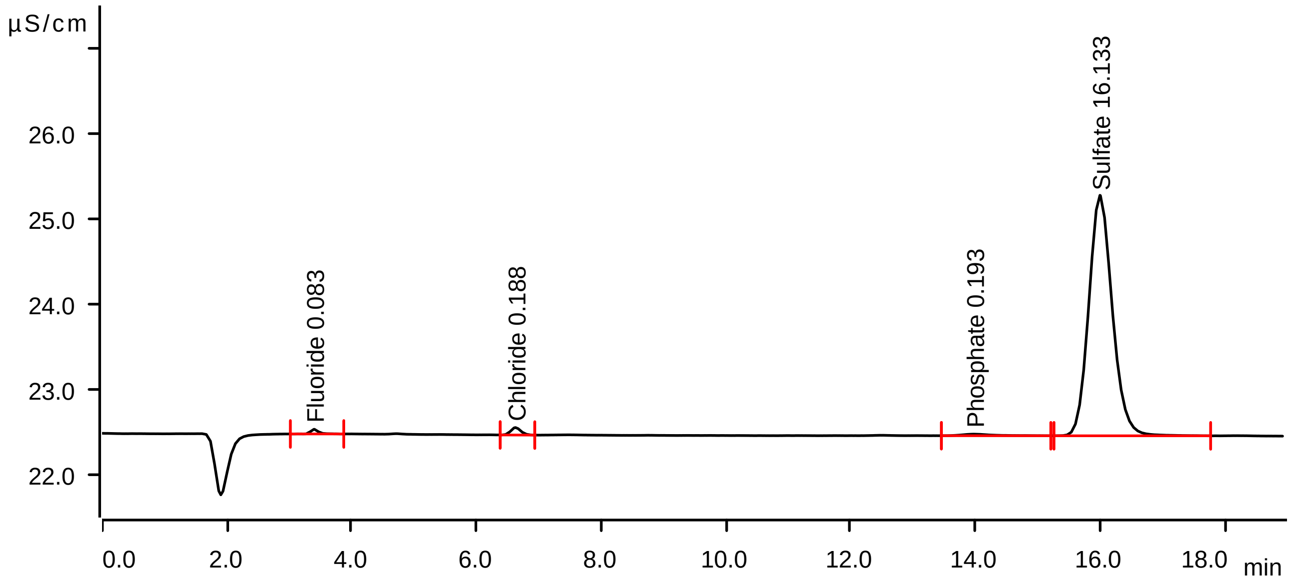
Sample data

Ident	Q3174-02
Sample type	Sample
Determination start	2025-09-26 12:26:27 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.89	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.393	0.0083	0.055	0.083	Fluoride
2	6.623	0.0164	0.088	0.188	Chloride
3	13.973	0.0102	0.019	0.193	Phosphate
4	15.993	1.2319	2.820	16.133	Sulfate

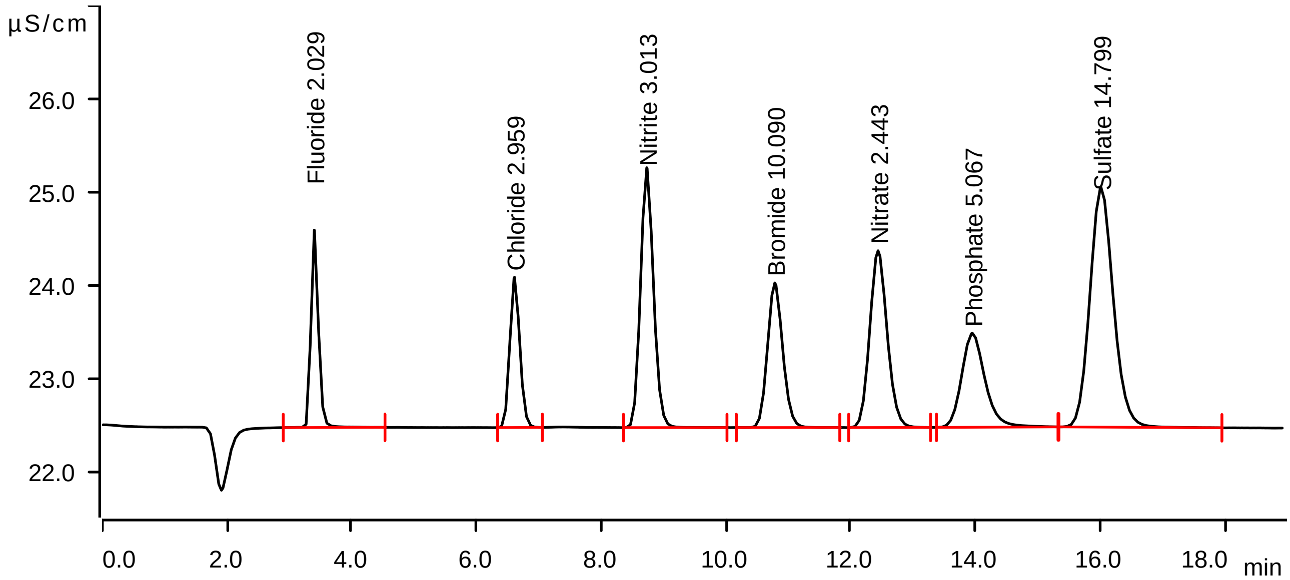
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-09-26 12:48:03 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.73	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	3.398	0.2965	2.122	2.029	Fluoride
2	6.608	0.3020	1.616	2.959	Chloride
3	8.728	0.6772	2.794	3.013	Nitrite
4	10.782	0.4426	1.555	10.090	Bromide
5	12.437	0.6180	1.900	2.443	Nitrate
6	13.948	0.4389	1.011	5.067	Phosphate
7	16.010	1.1277	2.580	14.799	Sulfate

Reviewed By:Iwon
On:10/2/2025 9:24 AM
Inst Id :IC-1
LB :LB137344

Sample data

Ident	CCB
Sample type	Sample
Determination start	2025-09-26 13:09:33 UTC-4
Method	IC1-090925
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.67	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions